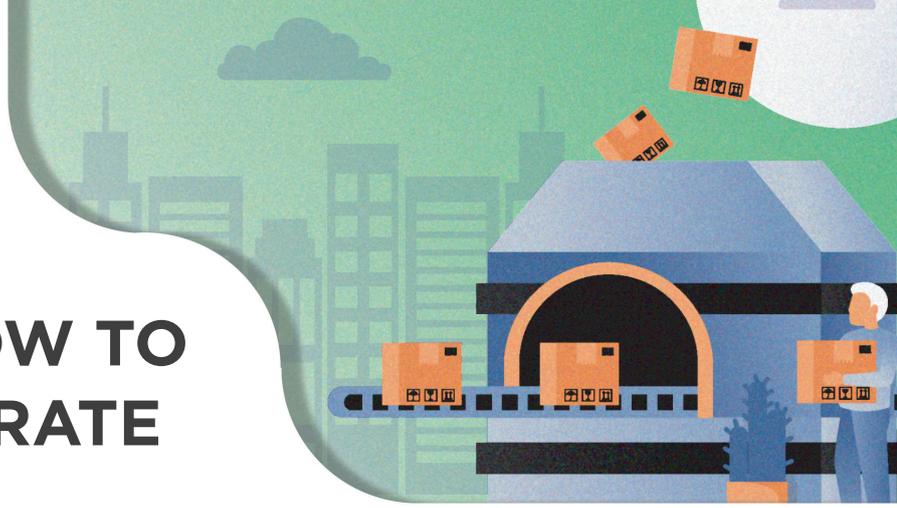


# GUIDANCE ON HOW TO IMPLEMENT SEPARATE COLLECTION



## What is separate collection?

- The Waste Framework Directive (WFD) identifies separate collection as a condition for quality recycling and defines it as: “the collection where a waste stream is kept separately by type and nature to facilitate a specific treatment”.
- For paper & board, separate collection not only separate them from residual waste, but also from other recyclables such as plastic, metal or glass.

## Why should separate collection be fully implemented in Europe? What are the benefits for municipalities & citizens?

- Compliance with European law.
- Homogeneity of the stream means good quality of material and a higher economic and environmental value.
- Maximise recycling rate and best efficiency in all steps of the recycling chain less landfilling & incineration.
- Simple and easy for citizens/final consumers.
- Optimise costs in the recycling value chain.

## How should paper and board be collected and sorted to reach the suitable recycling process?

| CATEGORY   | Product type   | Estimated Discarded Tonnage in Europe | How should it be collected?   | Under which paper grades for recycling should it be sorted (EN 643)? | Where will it be normally recycled?   |
|--|--|---------------------------------------|---|--|---|
| Paper and board from households                    |  Paper and board packaging  | 12 million                            | In the paper and board stream.  | Into 1.01, 1.02, 1.04, 1.05  | In standard board mills   |
|  |  Printing and writing paper   | 12 million                            | In the paper and board stream.  | Into 1.11  | In deinking mills   |
| Paper packaging that has been in contact with food |  Used pizza boxes   |                                       | If cleaned and only lightly stained in the paper and board stream. If food residues, discarded in the residual stream.              | Into 1.01, 1.02,   | In standard board mills   |
| Multilayered board                                 |  Beverage cartons   | under 1 million                       | With lightweight packaging (drink bottles and cans).  | Into 5.03  | In mills with special equipment which can use special grades (EN 643 Group 5) |
| Other layered board                                |  Used coffee cups   | 100.000-200.000                       | In high streets or fast food restaurants, in a specific stream. In households, with lightweight packaging (drink bottles and cans). | Into 5.14  | In mills with special equipment which can use special grades (EN 643 Group 5) |
|  |  Sandwich boxes, microwave trays, other food packaging made mainly from board with significant non-paper constituents |                                       | In high streets or fast food restaurants, in a specific stream. In households, with lightweight packaging (drink bottles and cans). | Into other grades of group 5   | In mills with special equipment which can use special grades (EN 643 Group 5) |

# ACTION POINTS FOR THE MUNICIPALITIES

## Improve the collection rate of paper and board

- Planning for citizens (collection schedules, distance to containers, location...)
- Information, communication and education about recyclables' management and recycling
- Environmental awareness of citizens
- Citizens' confidence in the system
- Design of containers and collection area
- Citizens' motivation

## Address related social issues

- Prevent vandalism (excluding theft of paper for recycling)
- Reduce waste picking/scavenging
- Information and communication channels between citizens (or stakeholders) and council

## Plan the waste management system

- Technical design of containers
- Collection routes
- Collection system planning

## Optimise sorting

- Adapted process to produce required grades of paper for recycling
- Sufficient personnel/adapted equipment to ensure quality is achieved
- Regular quality control of the production
- Adapted storage to avoid excess humidity in the paper for recycling

## Increase the Quality of paper for recycling

- Reduce contamination in the containers
- Separate of the two paper fractions (graphic paper and packaging paper & board)

